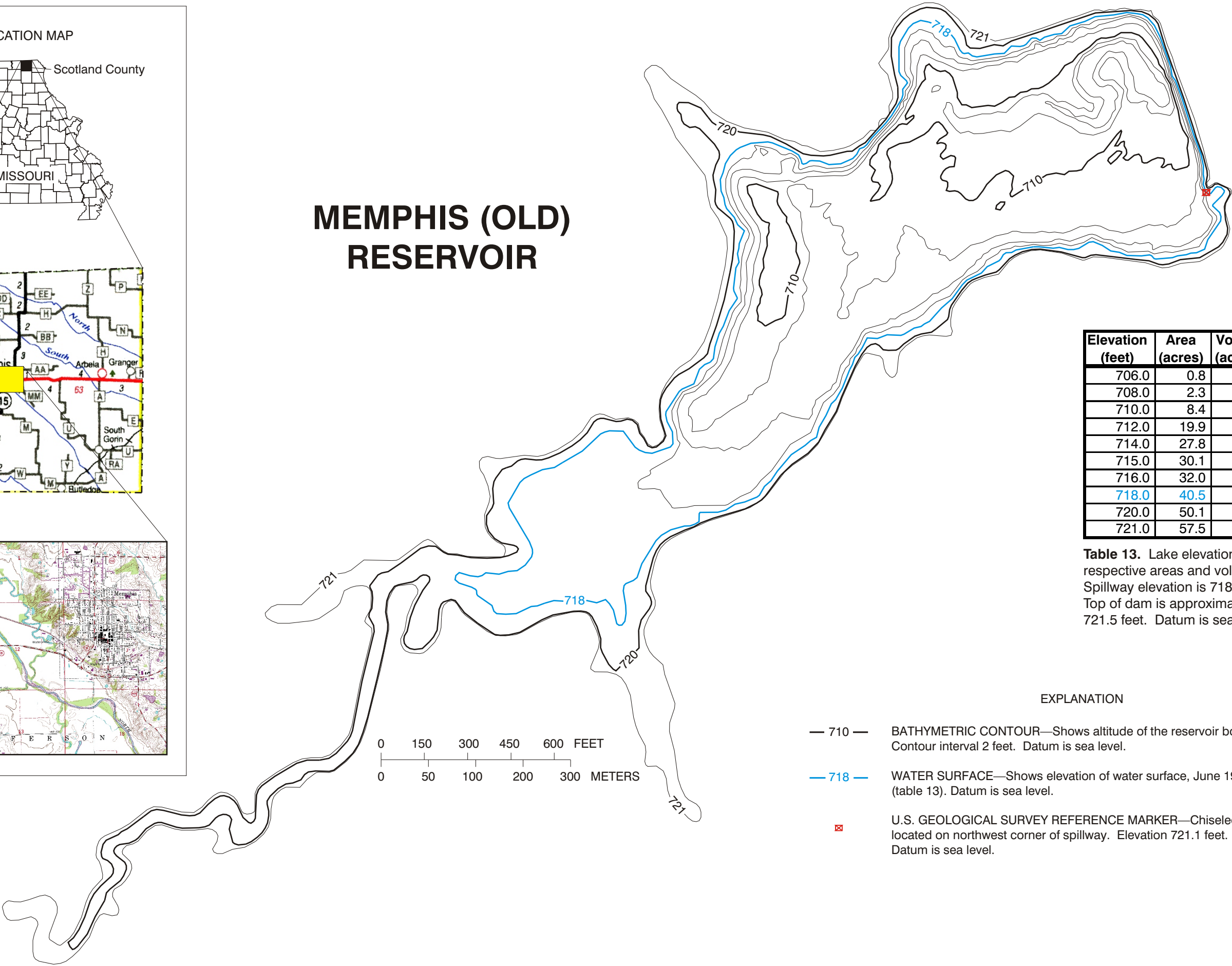


MEMPHIS (OLD) RESERVOIR



Elevation (feet)	Area (acres)	Volume (acre-ft)
706.0	0.8	0.6
708.0	2.3	3.7
710.0	8.4	12.5
712.0	19.9	40.7
714.0	27.8	89.6
715.0	30.1	118.6
716.0	32.0	149.6
718.0	40.5	219.5
720.0	50.1	309.4
721.0	57.5	364.9

Table 13. Lake elevations and respective areas and volumes. Spillway elevation is 718.0 feet. Top of dam is approximately 721.5 feet. Datum is sea level.

EXPLANATION

- 710 — BATHYMETRIC CONTOUR—Shows altitude of the reservoir bottom. Contour interval 2 feet. Datum is sea level.
- 718 — WATER SURFACE—Shows elevation of water surface, June 19, 2001 (table 13). Datum is sea level.
- U.S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled square located on northwest corner of spillway. Elevation 721.1 feet. Datum is sea level.

Figure 13. Bathymetric map and table of areas/volumes of the Old Memphis Reservoir near Memphis, Missouri.